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PTO/SB/05 REV 1 (12/97)

Approved for use through 09/30/2000,OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	SJO919990114US3
	First Inventor or Application Identifier	
	Gill	
	Title	METHOD OF MAKING A SPIN VALVE SENSOR OF A READ HEAD WITH A TRIPLE ANTI PARALLEL COUPLED FREE LAYER STRUCTURE
Express Mail Label No.		EL 749517885 US

APPLICATION ELEMENTS		ADDRESS TO:
See MPEP chapter 600 concerning utility patent application contents.		Mail Stop: Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <u>33</u>] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> </ul> <p>- Brief Description of the Drawings (if filed)</p> <ul style="list-style-type: none"> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>8</u>]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>2</u>]        a. <input type="checkbox"/> Newly executed (original or copy)        b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))        (for continuation/divisional with Box 17 completed)        [Note Box 5 below]</p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>        Signed statement attached in the prior application, see        37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input checked="" type="checkbox"/> Incorporation by Reference (useable if Box 4b is checked)        The entire disclosure of the prior application, from which a copy        of the oath or declaration is supplied under Box 4b, is considered        as being part of the disclosure of the accompanying application        and is hereby incorporated by reference therein.</p> <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement Verifying identity</li> </ul> </p>		
ACCOMPANYING APPLICATION PARTS		
8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input checked="" type="checkbox"/> Information Disclosure Statements (IDS) w/PTO-1449 & PTO-892 <input type="checkbox"/> Copies of IDS Citations 12. <input checked="" type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) <input type="checkbox"/> Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input checked="" type="checkbox"/> Other: <u>Express Mail Certification</u>		

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cc963 u.s. pto 10/65924

## ACCOMPANYING APPLICATION PARTS

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

If CONTINUING APPLICATION, check appropriate box and supply the requisite information.  
Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 09/872,814

**18. CORRESPONDENCE ADDRESS**

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ADDRESS	<p>International Business Machines Corporation            IP Law L2PA/010            5600 Cottle Road            San Jose, California 95193</p>
	<p>Telephone: 619-334-5883 (Ervin F. Johnston) FAX: 619-448-1904</p>
COUNTRY	USA

Name (Print/Type)	Ervin F. Johnston	Registration No. (Attorney/Agent)	20,190
Signature			Date
		September 11, 2003	

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## FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12  
See 37 C.F.R. §§ 1.27 and 1.28

Complete If Known

Application Number	(unknown)
Filing Date	(herewith)
First Named Inventor	H. Gill
Examiner Name	(unknown)
Group / Art Unit	(unknown)

TOTAL AMOUNT OF PAYMENT

(\$ 750.00)

Attorney Docket No.

SJO919990114US3

### METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 09-0442  
Deposit Account Name International Business Machines Corp.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17       Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)

Payment Enclosed:

Check     Money Order     Other

### FEE CALCULATION (continued)

#### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
101 750	201 375	Utility filing fee	
106 330	206 165	Design filing fee	
107 520	207 260	Plant filing fee	
108 750	208 375	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 410	216 205	Extension for response within second month	
117 930	217 465	Extension for response within third month	
118 1,450	218 725	Extension for response within fourth month	
128 1,970	228 985	Extension for response within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,300	241 650	Petition to revive unintentionally abandoned application	
142 1,300	242 650	Utility issue fee (or reissue)	
143 470	243 235	Design issue fee	
144 630	315 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 180	126 180	Submission of Information Disclosure Stmt	
146 750	246 375	Filing a submission after final rejection (37 CFR 1.129(a))	
179 750	249 375	Request for continued examination (RCE) (37 CFR 1.114)	

#### 2. EXTRA CLAIM FEES

Extra Claims	Fee from Claims below	Fee Paid
Total Claims - 20** =	x 18	=
Independent Claims - 5** =	x 84	=
Multiple Dependent Claims	x	=

Other fee (specify) Terminal Disclaimer

Other fee (specify)

SUBTOTAL (3) (\$)

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
Code (\$)	Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

\*Reduced by Basic Filing Fee Paid

#### SUBMITTED BY

Typed or Printed Name

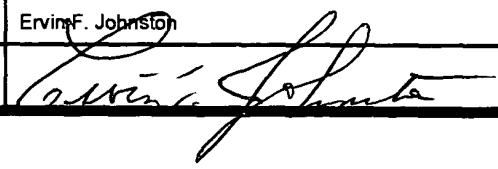
Ervin F. Johnston

#### COMPLETE (if applicable)

Reg. Number

20,190

Signature



Date

September 11, 2003

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**DATE OF DEPOSIT: September 1, 2003**

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